

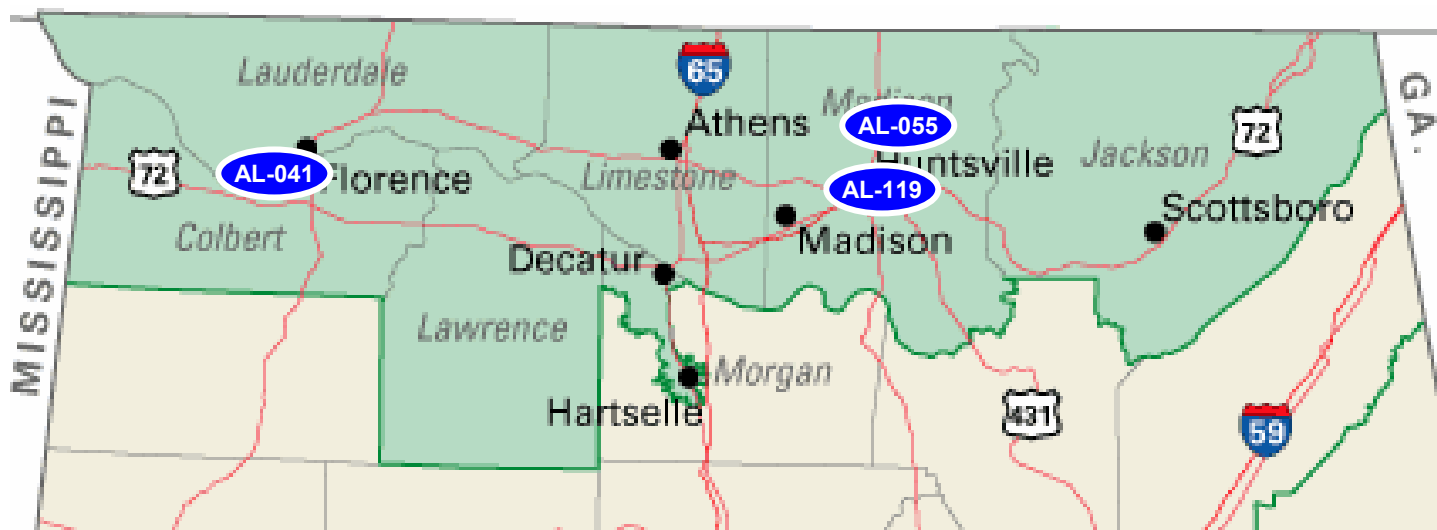


USAF Auxiliary Civil Air Patrol (CAP) Redstone Composite Squadron

Capt. Mark Adams, Squadron Commander



Alabama 5th Congressional District CAP Squadrons



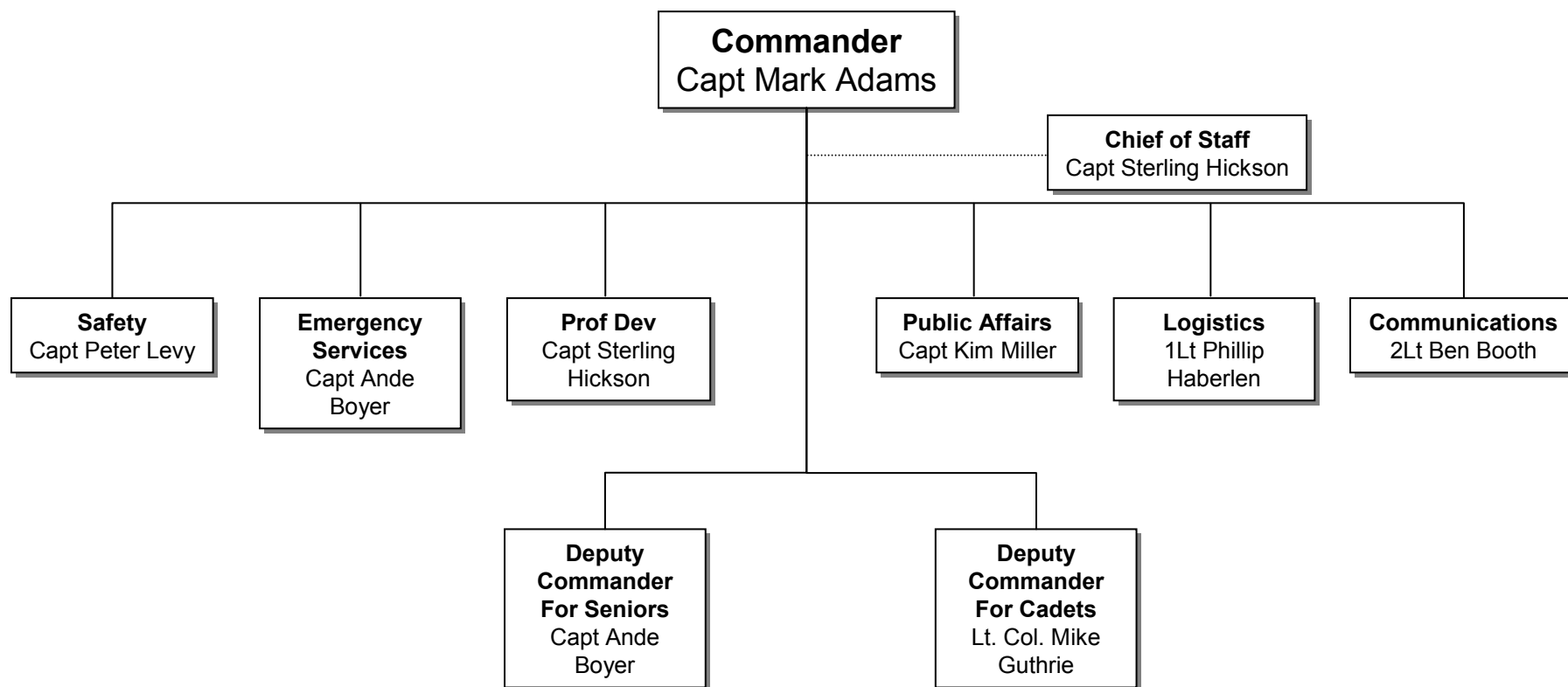
AL-041 Muscle Shoals Composite Squadron

AL-055 Huntsville Composite Squadron

AL-119 Redstone Composite Squadron



Redstone Composite Squadron





CAP Mission Statement



"To serve America by performing Homeland Security and humanitarian missions for communities, states, and nation; developing our country's youth; and educating our citizens on the importance of air and space power."



CAP's Missions



The Civil Air Patrol is the official Auxiliary of the United States Air Force. We have three primary missions:

- Emergency Services
- Aerospace Education
- Cadet Programs



Emergency Services



- **Emergency Services (ES) may be CAP's best known of the three-faceted mission**
- **Since 1948, the Air Force controls the inland search and rescue (SAR) activities within the United States.**
- **CAP's role in this mission provides the bulk of the operational SAR services, primarily through flying and ground team activities.**
- **CAP's personnel and aircraft fly thousands of hours each year flying SAR missions, as well as mercy flights and disaster relief assistance. Other ES include:**
 - Route surveys, counter drug reconnaissance, courier services, light transport duty, post-attack recovery duty, and similar activities within the capabilities of CAP light aircraft and other equipment.
- **Civil Air Patrol also maintains a nation-wide radio network.**
 - It is used for domestic or military emergencies, CAP activities of all types, search and rescue support, and training communications personnel.



Emergency Services



(L) Mission Staff brief pilots about the mission prior to granting flight release.

(C) Fleet of Cessna CAP Aircraft on Flight Line During SAREX

(R) Cadet assists in marshalling aircraft, directing to taxi-way

- Civil Air Patrol, the official auxiliary of the U.S. Air Force, performs 95 percent of continental U.S. inland search and rescue missions as tasked by the Air Force Rescue Coordination Center.
- CAP volunteers perform homeland security and disaster relief missions at the request of federal, state and local agencies.
- CAP has been performing missions for America for 68 years.



Aerospace Education



- **One other area of valuable assistance given to the Air Force and other Federal agencies is the CAP Aerospace Education Program.**
- **Aerospace education services are provided to schools, colleges and the general public via**
 - Workshops, conferences and a variety of free materials
 - Education is not only provided to CAP members, but to educators, students and, most importantly, to the general public.
- **To help present and carry out the aerospace education program, CAP develops lesson plans, videos, and other educational materials.**
- **CAP also encourages and helps to plan guided tours of aerospace-related facilities such as airports, Air Force bases and aerospace manufacturing facilities.**



Aerospace Education



(L) Redstone Cadets Fielding Questions During a Visit to East Limestone Middle School

(R) Cadet Michael Guthrie Talking About Aerospace Education During a Visit to East Limestone Middle School

Members of the Redstone Composite Squadron visited East Limestone Middle School to speak with the 6th graders about the Civil Air Patrol Cadet program. The CAP Cadets gave a 55 minute presentation to 180 students, in the school cafeteria, where all three mission areas, Emergency Services, Aerospace Education and Cadet Programs were presented.



Aerospace Education



(L) Cadet Jimenez Showing Visitors, During the Redstone Composite Squadron Open House, Equipment The CAP Might Use During Search and Rescues.

(C) LTC Mike Guthrie Talking To Visitors During The Redstone Composite Squadron Open House

(R) LTC John Hall Giving CAP Cadet Program Overview During the Redstone Composite Squadron Open House



Aerospace Education



(L) Demonstrating To Cadet How Check Flap Hinges

(C) Checking For Contaminated Fuel

(R) Cadet Faces Say It After Flight

Redstone Cadets participate in the Cadet orientation flight program. The program is designed to introduce our youth, under 18 years old, to general aviation through hands-on orientation flights in single engine aircraft and gliders. The program provides the Cadets five powered flights and five glider flights.



Aerospace Education



(L) 1st Lt. Ron Harlan Preflighting Aircraft with Teachers Weier (L) and Hibler (M)

(C) 1st Lt. Harlan Makes Final Preparations Prior To Departure of Fly A Teacher Flight

(R) Teacher Lisa Weier Getting Buckled Into Aircraft for O-Ride

The Fly-A-Teacher Program provides the opportunity for teachers to experience orientation flights in CAP aircraft, at local area airports which allows them to go back to the classroom and share their experiences with their students. Civil Air Patrol would like every Fly-A-Teacher participant to have a positive, fun and educational learning experience in order to foster aviation career interests in the classrooms of America. The program provides professional experiences, excitement and knowledge for teachers that can be transferred directly to their students.



Cadet Programs



- **Civil Air Patrol Cadets participate in a structured program through group and individual activities that include aerospace education, physical training, leadership, and moral and ethical values.**
- **The program encompasses 16 achievement levels that include study in these four areas.**
- **Upon completion of each achievement, the cadet earns increased cadet rank, decorations, awards, eligibility for national and international special activities, and an opportunity for flight and**
- **Every year, thousands of CAP cadets and former cadets enter the Air Force Academy, other service academies, Reserve Officer Training Corps programs at colleges and universities across the country, and basic training programs of all services. academic scholarships.**



Cadet Programs



(L) Cadet Change of Command

(C) Cadet Jonathan Allen (R) is Providing Directions To Cadet Jimenez (L)

(R) Cadet Guthrie Is Presenting Cadets For Inspection

- The local CAP program is designed to provide youth, from sixth grade through age 21, with a safe, encouraging environment in which to learn, mature and explore opportunities to help them reach their potential as adults.
- Cadets participate in a structured program through group and individual activities that include aerospace education, physical training, leadership, and moral and ethical values.



Cadet Programs



(L) Members of the Redstone Composite Squadron were allowed a close up view of the B-17G-VE Bomber, serial number 44-85740, is also known as Aluminum Overcast.

(C) Cadets were taken on a flight to Olive Branch, Mississippi.

(R) Cadet Guthrie had opportunity that most today won't ever get.

